

EMERGENCY SERVICES DIVISION BROOKHAVEN NATIONAL LABORATORY		Procedure No: FR-SFTY-8.0.2 Revision No: 3 Page 1 of 3
Title: Inspection of Personal Protective Clothing & Equipment		
<p>1.0 <u>PURPOSE:</u></p> <p>1.1 Each member of the Fire/Rescue Group shall be provided with personal protective clothing and equipment to provide protection from the hazards to which the member is or may be exposed. Such protective clothing and equipment shall be suitable for the tasks that the member is expected to perform.</p> <p>1.2 This clothing and equipment shall be used whenever the member is exposed or potentially exposed to the hazards for which it is provided, including emergencies, drills, and training exercises.</p> <p>1.3 Members shall be fully trained in the care, use, inspection, maintenance, and limitations of the protective clothing and equipment assigned to them or available for their use.</p> <p>1.4 Protective clothing and equipment shall be used and maintained in accordance with the manufacturer's instructions. A maintenance and inspection program shall be established for protective clothing and equipment.</p> <p>1.5 This procedure establishes the specific responsibilities and conduct of personal protective clothing and equipment inspections.</p>		
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2.0 **RESPONSIBILITIES:**

2.1 Individual members are responsible for inspecting the personal protective clothing and equipment assigned to them at the beginning of each work period. Any defects or deficiencies found shall be immediately reported to their Shift Captain. Clothing or equipment with sufficient deficiencies that the safety functions for which it is intended is degraded, shall be taken out of service, and tagged with the deficiency or destroyed.

2.2 Fire Captains are responsible for conducting at least monthly a formal, documented inspection of each member's personal protective clothing and equipment. Clothing or equipment with a sufficient deficiency that the safety function for which it is intended is degraded, shall be taken out of service.

2.2.1 When clothing or equipment is taken out of service, the Captain shall assure that alternate clothing or equipment is assigned to the member.

2.2.2 The Captain shall complete the inspection for each member, and assure the expeditious repair or replacement of defective clothing or equipment.

Notes: No documentation is required for the individual member inspection defined in Paragraph 2.1.

2.3 The Fire Chief shall assure that all defective personal protective clothing and equipment is expeditiously repaired or replaced.

2.3.1 The Chief shall review at least annually the inspection and maintenance records of all personnel protective equipment.

3.0 **DEFINITIONS:**

None

4.0 **PREREQUISITES:**

None

5.0 **PRECAUTIONS:**

None

6.0 **PROCEDURE:**

6.1 As a minimum, the following items shall be included in the above inspections:

- 6.1.1 Turnout Coat
- 6.1.2 Bunker Pants
- 6.1.3 Gloves
- 6.1.4 Hood

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- 6.1.5 Helmet
- 6.1.6 Boots
- 6.1.7 PASS Device
- 6.1.8 Life Line
- 6.1.9 Flashlight
- 6.1.10 Uniform

6.2 The inspection of personal protective clothing shall include at least the following:

- 6.2.1 All materials shall be free from tears, embrittlement, and fraying;
- 6.2.2 Seams shall be intact and show no signs of excessive wear;
- 6.2.3 Reflective trim shall show no signs of abrasion or loss of reflectivity;
- 6.2.4 All pockets, knee-pads, and other accessory items shall be firmly attached to the garment and show no signs of excessive wear;
- 6.2.5 Sleeve and pat cuffs shall show no signs of excessive fraying;
- 6.2.6 The entire garment shall be free from excessive dirt and stains;
- 6.2.7 When a fabric color change is noted, a condition that could be caused by high heat exposure or ultraviolet exposure, the entire area shall be checked for loss of tear strength.

6.3 PASS devices are to be inspected in accordance with procedure FR-SFTY-8.0.3

6.4 Tagging of out-of-service protective clothing and equipment shall be tagged using BNL-QA "Quality Control Tags" as specified in BNL-QA Manual, Attachment II.

7.0 **IMPLEMENTATION AND TRAINING**

None

8.0 **REFERENCES:**

- 8.1 This procedure is intended to implement the requirements of NFPA 1500, Paragraph 5-1.4.
- 8.2 BNL-QA Manual Attachment II, "Quality Control Tags and Labels."

9.0 **ATTACHMENTS**

- 9.1 This procedure is intended to implement the requirements of NFPA 1500, Paragraph 5-1.4.
- 9.2 BNL-QA Manual Attachment II, "Quality Control Tags and Labels."

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